SBR No : 000018/22-23
Date : 03/09/2022

BR No : 000018/22-23
Date : 03/09/2022

No. 2nd & Final bill
Division: **Electricals**
Bill Received No. Dated

Original/Duplicate/Triplicate
CONTRACT CERTIFICATE
(For Other Works) Date.....
Sub-Division: **Electricals**
Divisional Cash Book Voucher No..... Dated.....
Sub Divisional **JOB NO 013-22-000002**
Head of Account : P1828 Provision Of Additional Fittings Streetlights

Schedule Docket No.
D.R.No

Name of Work :- Providing LED Street lights/Poles/Control switches/control wires at Dark/volernabal places in Ward no 13,14 &15

Name of Contractor and Full Address:- M/s. NAGARAJU LINGAIAH (VEDHA ELECTRICALS),
Reference to Agreement No:- EE/Ele/DZ/TEND/AG/000006/22-23 Date:26.04.2022
Reference to Work order No:- EE/Ele/DZ/TEND/WO/000013/22-23 Date:05.05.2022

Certified that the measurements were taken by me on 16/6/22 and recorded of Pages 84503 to 4506 of Measurement Book No. 10246/27-28 and that the work is satisfactorily executed.

For Vedha Electricals

Contractor
Proprietor

Officer-in-charge of work
JUNIOR ENGINEER (Ele)
Bruhath Bangalore Mahanagara Palike
Dasarahalli Zone, Bangalore

Certified that the measurement were taken by me on ..16/6/22..... and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer
ASST. EXECUTIVE ENGINEER (Ele)
Bruhath Bangalore Mahanagara Palike

II Memorandum of Payment

1) Total value of work done or supplies made as per account within — Present bill 1770156 7=00
2) Deduct amount to be held in reserve being .....percent Rs.....
3) " Balance
4) Deduct Payment:
   a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... Amount adjusted towards cash advance recovery of
   b) Payments Now made — cost store or other material supplied. / recovery of amount creditable to this/other work / Amount paid on this bill Cheque / Cash.
5) Balance being unpaid value of work done held in reserve.
6) Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.
7) Net amount due to or from Contractor unadjustments items.
8) Advance to Contractor for materials brought to site (as detailed) within.
9) Value of Government materials supplied.

IT(1·1)	177016=00
GST(1·1)	158050=00
SGST(1·1)	158050=00
Lwc(1·1)	177016=00
CBF(0·1·1)	17702=00
Deduction	687834=00
Checkamt	17013733=00

Total amount adjusted -

For Vedha Electricals
Contractor's Signature
Proprietor

Received Rs..... (in words).....
.....
by cash and by adjustment of Payment as per memorandum
(in final settlement of all claims)

For Vedha Electricals
Proprietor

Witness
1.
2.
Dated Signature of Contractor
Paid by me by Cheque No.....Dated.....
Cash Rs.....
Dated.....
Initials of Officer making payment

Stamp

Amount admitted for Rs. 17701567/-
Passed by Cheque for Rs. 17013733/-
One crore Seventy lakh thirteen thousand Seven hundred & thirty three only
by adjustment Rs. 687834/-

Accounts Superintendent
Exe. Engineer (Ele)
B.B.M.P. Dasarahalli Division

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Sl. No	Description of Item	Unit	Previous Measurement		Present Measurement			Total Upto Date		Remarks
			Qty	Cost	Qty	Rate	Amount	Qty	Cost	
	Name Of Work:- Providing LED Street lights/Poles/Control switches/control wires at Dark/volernabal places in Ward no 13,14 & 15									
1	Supply of LED Streetlight luminaire with pressure die cast aluminium housing body for optimal thermal dissipation Lamp compartment comprising of anti glare clear diffuser with Injection moulded polycarbonate material delivering superior light output Rated life Burning Hrs 50000 hr @ Lumen Maintenance of 70% maximum light intensity should be between 60 degrees to 70 degrees CCT > 5500K, IP 66 optical and electrical compartment & impact resistance of complete luminaire > IK08 Power Factor >0 9 with mains, Surge Protection- Min 5KV along with Over voltage/ Overload short circuit/ miss-wiring protection Compatible for pole mouting with outer dia of 40mm to 50mm Universal Voltage driver to operate wide voltage range from 100V to 270V 50/60Hz application Compliance to IS 10322/IEC 60598 LM 79 & LM 80 Adherence with RoHS UL approved MCPCB Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools LED Light fixture with W System Power consumption LED Efficiency>130lm/w nominal CRI >75 Luminaire manufacturer should have in-house facility accredited by NABL/CPRI & any Government certified agency & Design & Development facility certified by ISO 9001 2008 Housing with supplier word mark /name shall be Engraved / Embossing on the die cast housing/ Body part Warranty of 2 Years against any manufacturing defect working under standard electrical conditions as mentioned above should be given by LED manufacturer & Cree/Nichia/ Lumileds/Osram make LED Source LED Streetlight 90 Watts	Nos			1727	7661 2	13230892 40	1727	13230892 40	
2	Supplying and Fixing of mm dia class A GI pipe bracket up to 2 Mtrs long bent at suitable angle and fixing to this bracket 1x40/2x40 watts fluorescent tube street light fitting of all capacities to GI or CI or rail or RCC pole / wall using suitable clamps bolts and nuts and wiring using suitable capacity wires Using 32mm dia G I Pipe	each			1727	893 45	1542988 15	1727	1542988 15	
3	Fixing halogen/metal halide / SVL / IL / LED floodlight fitting over existing pole / wall ceiling including clamps bolts nuts and wiring using suitable capacity wires	each			1727	187 25	323380 75	1727	323380 75	
4	Wiring for lighting/power circuit using one of PVC insulated 1100V grade stranded Aluminium wire single core in open or concealed system of wiring 4 sqmm	Mtrs			5000	9 63	48150 00	5000	48150 00	
5	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts, necessary phase separators, handle and wiring complete Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947 (Icu = Ics) 100Amps 25kA	each			50	4847 1	242355 00	50	242355 00	
6	Supply and Installation / Fixing / Provision of Pole box with HRC Fuse / MCB provision and suitable connector / terminal for 3 Ph / 1 Ph connections with Loop In & Loop- Out terminals for 10 Sqmm / 25 Sqmm 3 5 C Al/Ar / Cu/ Ar Cable and branch out 2 5 Sqmm 2 core Al/Cu PVC Insulated cable enclosed in a Thermoplastic Polystyrene enclosure which should be shock proof, safe IP65(Weather Proof) rust proof dust proof water proof having Internally Embedded Gasket with provision for cable entry through IP65 Thermoplastic polyamide glands and/or grommets 260mmx210mmx116mm	each			50	2197 78	109889 00	50	109889 00	
7	Supplying of 1 1 KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable as per IS-1554 (Part-1) or IS-7098 Part-1, Armouring strip thickness in average +5% and resistivity 14 Ohms/Kms (Max) as per IS-3975 4 core 16 sqmm	Mtrs			275	160 5	44137 50	275	44137 50	
8	Labour charges for laying of 1 1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required On wall /Structure 6 sqmm to 16 sqmm	Mtrs			275	32 1	8827 50	275	8827 50	
9	1 1 kV LT Aerial Bunched Cable confirming to IS-14255 1995 XLPE insulation Parameter shall be as below 1 Hot Set Test a) Elongation under Load 50% (Max) b) Permanent Elongation After Cooloing 3% (Max) 2 Thermal Aging in oven a) Tensile Strength 16 N/mm^2 (Min) b) Elongation 375% (Min) 3 Water Absorption Test a) Water absorbed 0 5 mg/cm^2 (Max) 4 Carbon Black Content shall be ranging from 2% to 3% Neutral) 3x25 + 1x25 + 1x16 Sqmm Street light (Insulated Messenger cum	Km			1 571	157290	247102 59	1 571	247102 59	
10	Stringing of 1 1 kV grade Aerial Bunched 3 Core cable of XLPE insulation of size (3x95) (Phase Conductor) + (1x70) (Insulated Messenger Neutral) + (1x25) (Street Light Control)	Km			1 571	24041 83	37769 71	1 571	37769 71	
	Total Rs						**15835492.60**		**15835492.60**	
	Add Gst 12% On Item No 1 to 08		15550620 30				**1866074 436**		**1866074 436**	
	Total Rs						**17701567.04**		**17701567.04**	

Certificate:-

Certificate That the Work has been conduct Satisfactorily.

for ASST. EXECUTIVE ENGINEER (Ele)

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